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No for

File
T.O 3

2-19

17 February 1959

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☐ Transmitting Terminal, Servo Control of Ferranti Motor Speed.

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The following information is for general info. only, and is based on observations on the operation of the ☐ transmitter terminal which was installed ☐

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Occasionally synchronization, as observed on the scope (intensity modulated spot on sawtooth waveform), could not be obtained throughout the entire range of the inductor control "Servo Control", which is used to synchronize the 60 cycle servo oscillator pulses and sprocket hole output.

A complete check of oscillator circuit, sync. pulses, and servo amplifier circuit failed to show any component fault, however, it was observed that the servo amplifier voltage output (as read on the amplifier meter) was about three volts low. Readjusting this voltage (amplifier gain adj. on amplifier chassis) to the rated Ferranti motor voltage of 115 VAC corrected the trouble.



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Info. sent EUCA
4 March 59



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